

CEEC-EE

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Engineer Technical
Letter 1110-3-386

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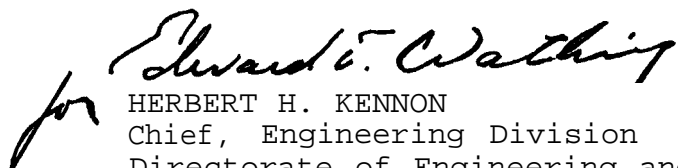
Engineering and Design
LINE SECTIONALIZER SWITCHES

1. Purpose. This letter provides guidance on line sectionalizer switches.
2. Applicability. This letter applies to all HQUSACE/OCE elements and all field operating activities (FOA) having military construction design responsibility.
3. Discussion. American National Standards Institute, Inc./Institute of Electrical and Electronics Engineers (ANSI/IEEE) Standard C37.63-1984, "American National Standard Requirements for Overhead Pad-mount, Dry-vault, and Submersible Automatic Line Sectionalizers for ac Systems", will be incorporated into guide specifications and technical manuals.

Contract specifications are at times ambiguous in their requirements for a line sectionalizer switch. A line sectionalizer switch is a device which counts a predetermined number of successive main current impulses in excess of a given magnitude as seen by the automatic interrupting device, e.g. reclosure. The sectionalizer switch then opens the faulted lateral while the main circuit is de-energized and before the reclosure locks out. This ambiguity gave the contractor the opportunity to improperly substitute a sectionalizer terminal. A sectionalizer terminal cannot be used in place of a sectionalizer switch.

4. Action to be Taken. For projects where sectionalizer switches are required, use the above definition and ANSI/IEEE Standard C37.63-1984 to assure a satisfactory product.
5. Implementation. This letter will have routine application as defined in paragraph 6c, ER 1110-345-100.

FOR THE COMMANDER:


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